

1 I claim:

2
3 **1.** A lottery system/electronic device operative for gaming
4 purposes interface comprising;

5
6 a detection means operative to detect selected event occurrences on
7 an electronic device operative for gaming purposes and output
8 event occurrence notification signals upon detection of said
9 selected event occurrences;

10
11 interface means operative to detect event occurrence notification
12 signals from said detection means, analyze said event
13 occurrence notification signals and output lottery operation
14 commands; and

15
16 lottery entry means operative to receive said lottery operation
17 commands from said interface means and output an entry into a
18 lottery event.

19
20 **2.** The lottery system/electronic device for gaming purposes
21 interface of claim **1** wherein said detection means further comprises
22 software programming in at least one of said electronic device
23 operative for gaming purposes, said interface means, said lottery
24 entry means, the central computer system for said electronic device
25 operative for gaming purposes and said central lottery system
26 operative to detect selected event occurrences on an electronic
27 device operative for gaming purposes and output event occurrence
28 signals upon detection of an event.

1 **3.** The lottery system/electronic device operative for gaming
2 purposes interface of claim **1** wherein said detection means further
3 comprises firmware and hardware in at least one of said electronic
4 device operative for gaming purposes, said interface means, said
5 lottery entry means, the central computer system for said
6 electronic device operative for gaming purposes and said central
7 lottery system operative to detect selected event occurrences on an
8 electronic device operative for gaming purposes and output event
9 occurrence signals upon detection of an event.

10
11 **4.** The lottery system/electronic device operative for gaming
12 purposes interface of claim **1** wherein said detection means
13 comprises an activity monitoring unit connected to said electronic
14 device operative for gaming purposes for monitoring selected event
15 occurrences in said electronic device operative for gaming
16 purposes, the activity monitoring unit comprising;

17
18 a programmable electronic activity detector and command generator,
19 said programmable electronic activity detector and command
20 generator including at least one detection device adapted to
21 be connected to said electronic device operative for gaming
22 purposes in information transmission connection therewith,

23
24 an event detection sampling device in information transmission
25 connection with the detection device; and

26
27 a programmable event occurrence information signal computing device
28 connected to the event detection sampling device operative to

1 output command signals therefrom for commanding said interface
2 means to generate lottery entry dispensing commands to said
3 lottery entry means to output a lottery entry in response to
4 a specific occurrence or occurrences in said electronic device
5 operative for gaming purposes.
6

7 **5.** The lottery system/electronic device operative for gaming
8 purposes interface of claim **1** wherein said interface means
9 comprises a lottery interface board (LIB) including a circuit board
10 having at least one programmable microchip programmed to receive,
11 analyze and translate said event occurrence signals from said
12 detection means and output lottery entry dispensing commands to
13 said lottery entry means.
14

15 **6.** The lottery system/electronic device operative for gaming
16 purposes interface of claim **1** wherein said interface means
17 comprises software programming programmed to receive, analyze and
18 translate said event occurrence signals from said detection means
19 and output lottery entry dispensing commands to said lottery entry
20 means.
21

22 **7.** The lottery system/electronic device operative for gaming
23 purposes interface of claim **1** wherein said lottery entry means
24 further comprises a manual input means operative to permit entry of
25 lottery-specific characters.
26

27 **8.** The lottery system/electronic device operative for gaming
28 purposes interface of claim **1** wherein said lottery entry means

1 further comprises a printing unit operative to output lottery
2 tickets in response to lottery entry dispensing commands received
3 from said interface means via said lottery entry means.
4

5 **9.** The lottery system/electronic device operative for gaming
6 purposes interface of claim **7** wherein said manual input means is
7 selected from the group consisting of a keypad, a touch screen, a
8 touch pad, a joystick, a mouse, a trackball and a voice data entry
9 device.
10

11 **10.** The lottery system/electronic device operative for gaming
12 purposes interface of claim **1** wherein said detection means, said
13 interface means and said lottery entry means are cooperatively
14 operative to transfer electronic device operative for gaming
15 purposes-generated character information from said electronic
16 device operative for gaming purposes to said lottery entry means,
17 said character information identifying selected character values
18 used for outputting at least one lottery entry including said
19 selected character values in response to lottery entry dispensing
20 commands received from said interface means into said lottery entry
21 means.
22

23 **11.** The lottery system/electronic device operative for gaming
24 purposes interface of claim **1** wherein said lottery entry means
25 further comprises an automatic input means operative to transfer
26 electronic device operative for gaming purposes-generated event
27 occurrences from said electronic device operative for gaming
28 purposes to said lottery entry means, said event occurrences

1 identifying selected character values used for outputting at least
2 one lottery entry including said selected character values in
3 response to lottery entry dispensing commands received from said
4 interface means into said lottery entry means.

5
6 **12.** The lottery system/electronic device operative for gaming
7 purposes interface of claim **1** wherein at least one of said lottery
8 entry means and said central lottery system further comprises a
9 generally random character value generating device operative to
10 generally randomly select character values for inclusion on at
11 least one lottery entry including said generally randomly selected
12 character values in response to lottery entry dispensing commands
13 received from said interface means into said lottery entry means.

14
15 **13.** The lottery system/electronic device operative for gaming
16 purposes interface of claim **12** wherein said central lottery system
17 periodically generates a pool of entries for dispensing via said
18 lottery entry means at least one entry from said pool of entries to
19 a player such that said pool of entries is usable during a period
20 when said central lottery system is not operatively connected to
21 said lottery entry means to output a lottery entry.

22
23 **14.** The lottery system/electronic device operative for gaming
24 purposes interface of claim **5** wherein said interface means is
25 programmable to include accounting and security tracking functions
26 for electronic device operative for gaming purposes and for central
27 lottery systems, said accounting and security tracking functions
28 selected from the group consisting of tracking coin in, coin out,

1 machine win, door open, jackpots, tilts, game outcomes, power
2 on/off, number of tickets printed, characters on the tickets, time
3 and date functions, paper jams and malfunctions.

1 **15.** In combination:

2
3 an electronic device operative for gaming purposes; and

4
5 a central lottery system operative to accept lottery entries; and

6
7 a lottery terminal/electronic device operative for gaming purposes
8 interface including;

9
10 a detection means operative to detect selected event occurrences on
11 said electronic device operative for gaming purposes and
12 output event occurrence notification signals upon detection of
13 said selected event occurrences;

14
15 an interface means operative to receive event occurrence
16 notification signals from said detection means, translate said
17 event occurrence notification signals and output central
18 lottery system operation commands;

19
20 a lottery entry output means operative to receive said central
21 lottery system operation commands and output an entry into a
22 lottery event operated via said central lottery system; and

23
24 said central lottery system in information transmission connection
25 with said interface means via said lottery entry output means,
26 said central lottery system operative to receive said central
27 lottery system operation commands output by said interface
28 means and output preselected central lottery system responses

1 corresponding to said central lottery system operation
2 commands.
3

4 **16.** The combination of claim **15** wherein said central lottery
5 system is in information transmission connection with said
6 interface means via said lottery entry output means, said central
7 lottery system operative to receive said central lottery system
8 operation commands output by said interface means and output
9 preselected central lottery system responses corresponding to said
10 central lottery system operation commands.
11

12 **17.** The combination of claim **15** wherein lottery event is
13 operated via said central lottery system whereby an operator/player
14 of said electronic device operative for gaming purposes receives at
15 least one entry into the lottery event.
16

17 **18.** The combination of claim **15** wherein said central lottery
18 system is partially retained within said electronic device
19 operative for gaming purposes.
20

21 **19.** The combination of claim **15** wherein said central lottery
22 system is fully retained within said electronic device operative
23 for gaming purposes.
24

25 **20.** The combination of claim **15** wherein said central lottery
26 system is partially retained within at least one of said interface
27 means and said lottery entry output means.
28

1 **21.** The combination of claim **15** wherein said central lottery
2 system is fully retained within at least one of said interface
3 means and said lottery entry output means.

4
5 **22.** The combination of claim **15** wherein said electronic
6 device operative for gaming purposes is partially retained within
7 at least one of said interface means and said lottery entry output
8 means.

9
10 **23.** The combination of claim **15** wherein said electronic
11 device operative for gaming purposes is fully retained within at
12 least one of said interface means and said lottery entry output
13 means.

14
15 **24.** The combination of claim **15** wherein communication between
16 said electronic device operative for gaming purposes, said central
17 lottery system, and said lottery terminal/electronic device
18 operative for gaming purposes interface comprises a network
19 selected from the group consisting of local area network (LAN),
20 wide area network (WAN), the Internet, TCP/IP protocol networks,
21 radio-frequency (RF), line-of-sight, fiber-optic, wireless,
22 cellular networks and universal and proprietary connections.

1 **25.** In combination:

2
3 an electronic device operative for gaming purposes; and

4
5 a central lottery system operative to accept lottery entries; and

6
7 a lottery terminal/electronic device operative for gaming purposes
8 interface including;

9
10 a detection means operative to detect selected event occurrences on
11 said electronic device operative for gaming purposes and
12 output event occurrence notification signals upon detection of
13 said selected event occurrences;

14
15 an interface means operative to receive event occurrence
16 notification signals from said detection means, translate said
17 event occurrence notification signals and output central
18 lottery system operation commands; and

19
20 a lottery entry output means operative to receive said central
21 lottery system operation commands and output an entry into a
22 lottery event.

23
24 **26.** The combination of claim **25** wherein said lottery event
25 includes a lottery outcome.

26
27 **27.** The combination of claim **25** wherein said lottery event is
28 generated by said electronic device operative for gaming purposes.

1 **28.** The combination of claim **25** wherein said lottery event is
2 generated by said central lottery system.

3
4 **29.** The combination of claim **25** wherein said lottery event is
5 generated by said lottery terminal/electronic device operative for
6 gaming purposes interface.

7
8 **30.** The combination of claim **25** wherein said lottery event is
9 generated by a combination of said electronic device operative for
10 gaming purposes and said central lottery system.

11
12 **31.** The combination of claim **25** wherein said lottery event is
13 generated by a combination of said electronic device operative for
14 gaming purposes and said lottery terminal/electronic device
15 operative for gaming purposes interface.

16
17 **32.** The combination of claim **25** wherein said lottery event is
18 generated by a combination of said central lottery system and said
19 lottery terminal/electronic device operative for gaming purposes
20 interface.

21
22 **33.** The combination of claim **25** wherein said lottery event is
23 generated by a combination of said electronic device operative for
24 gaming purposes and said central lottery system and said lottery
25 terminal/electronic device operative for gaming purposes interface.

26
27 **34.** The combination of claim **25** wherein generation of a
28 lottery event is initiated by said electronic device operative for

1 gaming purposes.
2

3 **35.** The combination of claim **25** wherein generation of a
4 lottery event is initiated by said central lottery system.
5

6 **36.** The combination of claim **25** wherein generation of a
7 lottery event is initiated by said lottery terminal/electronic
8 device operative for gaming purposes interface.
9

10 **37.** The combination of claim **25** wherein generation of a
11 lottery event is initiated by a combination of said electronic
12 device operative for gaming purposes and said central lottery
13 system.
14

15 **38.** The combination of claim **25** wherein generation of a
16 lottery event is initiated by a combination of said electronic
17 device operative for gaming purposes and said lottery
18 terminal/electronic device operative for gaming purposes interface.
19

20 **39.** The combination of claim **25** wherein generation of a
21 lottery event is initiated by a combination of said central lottery
22 system and said lottery terminal/electronic gaming device operative
23 for gaming purposes interface.
24

25 **40.** The combination of claim **25** wherein generation of a
26 lottery event is initiated by a combination of said electronic
27 device operative for gaming purposes and said central lottery
28 system and said lottery terminal/electronic device operative for

1 gaming purposes interface.

2
3 **41.** The combination of claim **25** wherein said central lottery
4 system is in information transmission connection with said
5 interface means via said lottery entry output means, said central
6 lottery system operative to receive said central lottery system
7 operation commands output by said interface means and output
8 preselected central lottery system responses corresponding to said
9 central lottery system operation commands.

10
11 **42.** The combination of claim **25** wherein lottery event is
12 operated via said central lottery system whereby an operator/player
13 of said electronic device operative for gaming purposes receives at
14 least one entry into the lottery event.

15
16 **43.** The combination of claim **25** wherein said central lottery
17 system is partially retained within said electronic device
18 operative for gaming purposes.

19
20 **44.** The combination of claim **25** wherein said central lottery
21 system is fully retained within said electronic device operative
22 for gaming purposes.

23
24 **45.** The combination of claim **25** wherein said central lottery
25 system is partially retained within at least one of said interface
26 means and said lottery entry output means.

27
28 **46.** The combination of claim **25** wherein said central lottery

1 system is fully retained within at least one of said interface
2 means and said lottery entry output means.

3
4 **47.** The combination of claim **25** wherein said electronic
5 device operative for gaming purposes is partially retained within
6 at least one of said interface means and said lottery entry output
7 means.

8
9 **48.** The combination of claim **25** wherein said electronic
10 device operative for gaming purposes is fully retained within at
11 least one of said interface means and said lottery entry output
12 means.

13
14 **49.** The combination of claim **25** wherein communication between
15 said electronic device operative for gaming purposes, said central
16 lottery system, and said lottery terminal/electronic device
17 operative for gaming purposes interface comprises a network
18 selected from the group consisting of local area network (LAN),
19 wide area network (WAN), the Internet, TCP/IP protocol networks,
20 radio-frequency (RF), line-of-sight, fiber-optic, wireless,
21 cellular networks and universal and proprietary connections.